

Federal Automotive Statistical Tool Vehicle-Level Data Element Reference

October 1, 2020

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October 1, 2020

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Abbreviations and Acronyms

AFV	alternative fuel vehicle
DOE	U.S. Department of Energy
EISA	Energy Independence and Security Act
EO	executive order
EPAct	Energy Policy Act
ER	emergency response
FAST	Federal Automotive Statistical Tool
FMR	Federal Management Regulation
FY	fiscal year
GAL	gallon
GGE	gasoline-gallon equivalent
GHG	greenhouse gas
GSA	U.S. General Services Administration
GVWR	gross vehicle weight rating
LD	light duty
LE	law enforcement
LGHG	low greenhouse gas
POC	point of contact
St Wgn	station wagon
USD	United States dollars
VIN	Vehicle Identification Number
VLD	vehicle-level data

Overview

Historically, the Federal Automotive Statistical Tool (FAST) has been used by the U.S. General Services Administration (GSA), the U.S. Department of Energy, and the Energy Information Administration to collect information about the fleet of motor vehicles operated by each federal agency. To this point, fleet data have been reported in an aggregated form (e.g., groups of vehicles) and with different aspects of the data as separate “sections” (e.g., vehicles, fleet costs and mileage, fleet fuel consumption).

In recent years, the FAST management team has recognized that the current structure of the data being collected has limitations in terms of its use for detailed analysis of the federal fleet and its ability to continue to evolve in response to changing reporting requirements. Based on this recognition and new requirements within Executive Order (EO) 13693, “Planning for Federal Sustainability in the Next Decade” (March 19, 2015), the requirements for the level of detail of the data reported by federal agencies will change. With this change, agencies will report each individual vehicle which was part of the agency’s fleet during some or all of the fiscal year each individual vehicle as a distinctly identified entity and accompanied by all of that vehicle’s attributes and operational aspects (mileage, costs, and fuel consumption). More information about which vehicles are to be included in the agency’s submission is available at <https://fastweb.inl.gov/help/>.

This reference document identifies and describes each data element to be reported for each vehicle under this new approach to federal fleet data collection. Each data element is characterized in the following section with:

- A unique data element identifier
- The name of the data element
- An indication of the basic type of data (e.g., numeric data or text)
- A description of the data element and, in many cases, clarification of aspects such as how the element is to be used and what sorts of information from the agency’s perspective factor into providing the element (e.g., clarification of what would be expected to be reported as “maintenance costs”).

The elements have been grouped into broad categories of related data aspects (e.g., basic vehicle attributes, ownership information, operational and cost data).

This document is the first of three primary documents intended to aid agency fleet managers and information systems support personnel in transitioning their systems and processes to reporting vehicle-level data (VLD). The other two documents are more technical and address different aspects of the data to be reported at the vehicle level:

- The *Federal Automotive Statistical Tool Vehicle-level Data Business Rules Reference* describes all of the criteria that must be met for data submitted at the vehicle level to be considered valid and reasonable
- The *Federal Automotive Statistical Tool Vehicle-level Data Schema* provides an XML-based technical document describing the specific structure and syntax of the data format under which vehicle-level data must be submitted to FAST. This document is intended for use by system developers or other technical personnel for use in implementing or modifying systems to produce compliant data streams.

Current versions of this document and its companion documents described above will be available for download at <https://fastweb.inl.gov/help/index.cfm/resources/vehicle-level-data>.

Additional Information about FAST

Background and additional information about FAST, its underlying requirements, and its use are available at <https://fastweb.inl.gov/help/>.

Feedback

Questions and suggestions related to the content of this document can be provided to:

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Data Element Reference

Fleet Information			
Identifier	Element Name	Type/Format	Description
FL-1	Fleet Abbreviation	Text	Fleet abbreviation/identifier; must be unique within agency and must correspond to exactly one existing element within the agency's organizational hierarchy within FAST for the year for which data are being collected.
FL-2	Fleet Point of Contact	Text	Name of individual designated as the person primarily responsible for submitting the data associated with the vehicles in this fleet.
FL-3	Fleet POC Email	Text	Email address information for the person designated as Fleet Point of Contact (FL-2).
FL-4	Fleet Comment	Text	Optional comment associated with fleet.
Per-Vehicle Information			
Vehicle Attributes			
Identifier	Element Name	Type/Format	Description
A-1	Unique Vehicle Identifier	Text	Any identifier--Vehicle Identification Number (VIN), asset identifier, or other--that is unique within the agency (i.e., cannot ever be reused within the agency), is permanent (i.e., cannot ever change for a given vehicle), and avoids potential security concerns. Based on the requirement for permanence, agencies should not use license plate numbers for this vehicle identifier.
A-2	Make	Defined List	Vehicle manufacturer.
A-3	Model	Text	Vehicle manufacturer's model name.
A-4	Model Year	Numeric	Vehicle manufacturer's model year.
A-5	GVWR	Numeric	Gross vehicle weight rating (lbs).
A-6	Vehicle Type	Defined List	FAST vehicle type designation (e.g., "Sedan/St Wgn Compact").

A-7	Vehicle Fuel Type/Configuration	Defined List	Engine configuration and type(s) of fuel the vehicle is capable of consuming.
A-8	Garage - Domestic	Defined List	<p>Indicates whether vehicle is located in an area considered to be domestic (as opposed to foreign) for FAST reporting.</p> <p>For FAST reporting, the following are considered domestic locations: the 50 states, District of Columbia, the U.S. Virgin Islands, Guam, American Samoa, the Commonwealth of the Northern Marianas Islands, and the Commonwealth of Puerto Rico. All other locations are considered to be foreign.</p>
A-9	Location Withheld	Defined List	Indicates whether vehicle is used in a capacity that makes disclosure of location information sensitive or restricted. For location-withheld vehicles, elements Garage - ZIP (A-10), Garage - Latitude (A-11), and Garage - Longitude (A-12) should not be provided.
A-10	Garage - ZIP	ZIP Code	For vehicles marked as domestic in Garage - Domestic (A-8), the U.S. Postal Service ZIP code of the location where the vehicle is primarily kept overnight. ZIP codes used to identify vehicle locations must be ZIP codes corresponding to specific geographic locations or assigned to specific organizations/locations (i.e., they may not be military Army/Air Post Office-type ZIP codes or ZIP codes specific to Post Office Boxes). If the domestic vehicle garage location is identified by ZIP code, elements Garage - Latitude (A-11) and Garage - Longitude (A-12) should not be provided.
A-11	Garage - Latitude	Numeric	For use with domestic vehicles when Garage - ZIP (A-10) is not provided. For vehicles marked as domestic in Garage - Domestic (A-8), the latitude in decimal form (as degrees north latitude) of the location where the vehicle is primarily kept overnight. When providing latitude, longitude must also be provided. Vehicle garage locations specified as latitude+longitude must

			correspond to geographic locations that can be verified as domestic locations.
A-12	Garage - Longitude	Numeric	For use with domestic vehicles when Garage - ZIP (A-10) is not provided. For vehicles marked as domestic in Garage - Domestic (A-8), the longitude in decimal form (as degrees east longitude) of the location where the vehicle is primarily kept overnight. When providing longitude, latitude must also be provided. Vehicle garage locations specified as latitude+longitude must correspond to geographic locations that can be verified as domestic locations.
A-13	Agency Budget Element Code	Defined List	Agency-supplied code to indicate the budget element for Office of Management and Budget A-11 reporting purposes--for those agencies that contain multiple budget reporting elements only. This field will be used to aggregate data into the groups and categories required for the annual A-11 budget submission. Agencies that have a single budget reporting element for the entire agency can leave this blank.
A-14	Agency Sort Field	Text	For agency use only. This field will permit sorting, extracting, and summarizing data (e.g., agency region or other criteria) within FAST.
A-15	Vehicle Comment	Text	Optional comment associated with vehicle.
Ownership Information			
OW-1	Acquisition Date	Date	Year, month, and day when the agency initially assumed physical control/ownership of the vehicle. The vehicle's reported acquisition date must not change if the vehicle is transferred between subordinate organizations within the reporting agency.
OW-2	Ownership Type	Defined List	Designation of nature of ownership of vehicle; distinguishes between vehicles owned by the agency, vehicles leased from commercial leasing sources, vehicles leased from GSA Fleet on "dry" lease agreements, and vehicles leased from the GSA Fleet on "wet" lease agreements.

OW-3	Vehicle Assignment Type	Defined List	Identification of whether vehicle is assigned to one person, part of a motor pool, shared between multiple agencies, etc. Reported as status at end of year.
OW-4	Disposal Date	Date	Date vehicle left service in a way that it could not subsequently re-enter service; i.e., does not include vehicles placed in storage prior to disposal but still in inventory. For leased vehicles, the date the agency turned the vehicle back to the lessor.
OW-5	Disposal Reason	Defined List	Reason for disposal of vehicle by agency. Examples include sold, end of lease, totaled in accident, intentionally destroyed, exchange/sale, donated, transferred to other federal agency, transferred outside federal government, etc.
<i>Special Characteristics and Exemptions</i>			
S-1	EPAct Coverage Designation	Defined List	Designation of vehicle's status with respect to the Energy Policy Act's (EPAct's) alternative fuel vehicle (AFV) acquisition requirement.
S-2	EPAct 2005 Section 701 Designation	Defined List	<p>Designation of vehicle's status with respect to EPAct 2005 Section 701 waiver process.</p> <p>For the FY 2020 and following reporting cycles, this data element identifies how the reporting agency intends to have the vehicle's compliance assessed, as described in DOE's "Guidance for Federal Agencies on EPAct 2005 Section 701 Alternative Fuel Use Requirements for Dual-Fueled Vehicles", March 2020, https://www.energy.gov/sites/prod/files/2020/03/f72/epact2005-sec701.pdf.</p> <p>For FY 2019 and earlier reporting cycles, this data element identified whether the vehicle was considered covered, waived, or exempt from the EPAct 2005 Section 701 requirement for consumption of alternative fuels in vehicles capable of consuming those fuels.</p>

S-3	EISA Section 141 Designation	Defined List	Designation indicating vehicle's status during year of acquisition with respect to compliance with the Energy Independence and Security Act of 2007, Section 141, requirement for acquisition of low greenhouse gas (LGHG)-emitting vehicles.
S-4	<i>Retired and removed as of Rev. 15</i>		
S-5	Petroleum-Dedicated LGHG Vehicle Qualifying as AFV	Defined List	Designation of whether vehicle meets all aspects of definition under which petroleum-dedicated LGHG-emitting vehicles can be considered AFVs for purposes of EPA Act compliance (i.e., petroleum-dedicated fuel type/configuration, qualifies as a LGHG vehicle, located where it would qualify for a waiver from the EPA Act Section 701 requirement for alternative fuel consumption).
S-6	Law Enforcement Designation	Defined List	Designation of whether vehicle meets the definition of a law-enforcement (LE) vehicle as stated for FAST reporting (see the corresponding definition at https://fastweb.inl.gov/index.cfm/glossary).
S-7	Emergency Response Designation	Defined List	Designation of whether vehicle meets the definition of an emergency/emergency response vehicle under FMR.
S-8	Armored Designation	Defined List	Designation of whether vehicle is armored.
Operational & Cost Data			
OC-1	Acquisition Cost	Numeric	<p>Original price paid (USD) to acquire the vehicle (for agency owned vehicles) and prepare it for service plus any additional costs incurred at any time during the service life of the vehicle to purchase/install additional equipment or modify the vehicle for service and which would result in an increase to the agency's book (or capitalized) value for the vehicle.</p> <p>For leased vehicles: Include only up-front cost to acquire the vehicle, if any (such as incremental cost paid to lessor for higher priced vehicles when paid as a lump sum), and subsequent costs to acquire/install</p>

			additional equipment, when paid directly to a third-party vendor/installer or paid as a one-time, lump sum to the lessor. All other costs paid to the lessor and spread out over the term of the lease will be reported as Lease Cost (OC-7).
OC-2 - OC-5	<i>Retired and removed as of Rev. 7</i>		
OC-6	Miles Traveled	Numeric	Number of miles the vehicle traveled during the current (reporting) year.
OC-7	Lease Cost	Numeric	All costs billed by the lessor for the current (reporting) year (USD); this includes the normal, recurring cost to lease a vehicle from any source, whether a commercial lessor or another federal agency, plus any special nonrecurring costs outside of the normal lease charge but still passed through, and billed by, the lessor (e.g., GSA Fleet bill-backs for unauthorized purchases, extra bills to cover damage when a vehicle is returned to the lessor, etc.). For costs associated with additional equipment and modifications to leased vehicles, see Acquisition Cost (OC-1).
OC-8	Maintenance Cost	Numeric	The total cost (USD) of maintenance, routine upkeep and non-accident repair for the current (reporting) year. For leased vehicles, only costs paid to a third-party other than the vehicle lessor should be reported as maintenance costs. All costs paid to the lessor should be reported as Lease Cost (OC-7) unless paid as a one-time, lump sum cost (see Acquisition Cost [OC-1]).
OC-9	Accident Repair Cost	Numeric	The cost (USD) incurred during the current (reporting) year to repair damage to a vehicle and return it to service, less any reimbursement from another party (e.g., insurance claim or third-party payments). Reimbursement should be reported in the year money is collected, which may not be the same as the year of accident due to normal processing lag. If the vehicle has

			been disposed of, reimbursement will not be reported. For leased vehicles, accident-related costs billed by the lessor in relation to a damaged vehicle would be reported as Lease Cost (OC-7).
OC-10	Indirect Cost	Numeric	Portion of fleet's total current (reporting) year indirect costs (USD) allocated to an individual vehicle. Agencies may use any reasonable method for apportioning indirect costs among relevant vehicles as long as the method is justifiable and consistent. See GSA Bulletin FMR B-38 for additional guidance.
OC-11	Disposal Cost	Numeric	The total of all costs (USD) incurred during the year of disposal for the actual sale of a vehicle (e.g., fees to auctions houses) or one-time, non-routine service to make the vehicle ready for sale or, for leased vehicles, to prepare the vehicle for return to the lessor (e.g., detailing).
OC-12	Disposal Proceeds	Numeric	Actual gross proceeds (USD) from sale/disposal of vehicle.

Fuel Consumption and Cost Data

Note: For all vehicles reported, agencies will report fuel consumption for the current (reporting) year by location and fuel type. Any vehicle may have as many or as few fuel consumption entries as required to capture all fuel types consumed and the locations where that fuel was consumed. For example, a GAS/E85 FF vehicle operating in the Washington, D.C., area consuming both gasoline and E-85 might have records corresponding to GAS@DC, GAS@VA, E85@DC, E85@VA, and E85@MD. There will be no upper limit imposed on the number of fuel consumption entries reported for a given vehicle. Even vehicles which consumed no fuel during the current (reporting) year must include a single fuel entry showing a zero cost and quantity.

Each fuel consumption entry will be composed of the following five required elements.

F-1	Fuel Location	Defined List	Location at which fuel was purchased. For vehicles identified as domestic vehicles on Garage - Domestic (A-3) above, this will be the two-character state/district/territory code where the fuel was purchased (may differ from vehicle location when vehicles operate in multiple states, etc.). For vehicles designated as foreign vehicles, all consumption must be reported using "FO"
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			(i.e., foreign) to designate the location as foreign.
F-2	Fuel Type	Defined List	Code identifying the type of fuel consumed.
F-3	Fuel Units	Defined List	Code identifying the units in which fuel volume for this entry is specified. In general, each FAST fuel type will support codes for at least one type of natural unit (e.g., gallons as GAL for gasoline) and a code for gasoline-gallon equivalents (GGEs).
F-4	Fuel Volume	Numeric	Volume of fuel consumed, in units specified on F-3 above.
F-5	Fuel Cost	Numeric	Cost (USD) of fuel specified in F-4, unless that cost is associated with fuel covered under a wet-lease agreement (per Ownership Type [OW-2]). All costs for fuel covered under wet-lease agreements should be reported as zero, as that cost is already included as part of Lease Cost (OC-7).
F-6	Fuel Comment	Text	Optional comment associated with fuel entry.

Fleet-Level Future-Year Acquisition, Disposal, and Cost Projections

Identifier	Element Name	Type/Format	Description
<i>Future-Year Vehicle Acquisition Projections</i>			
<p>Note: Agencies will be required to characterize all vehicle acquisitions for at least the 3 fiscal years following the fiscal year for which the "actuals" data above are being reported (analogous in concept to FAST's current concepts of "planned," "projected," and "forecast" years). Each vehicle (or group of identical vehicles) will need to be characterized in much the same way as the vehicle inventory data, per the following data elements. The agency will provide as many or as few of the following entries as required to characterize all vehicle acquisitions estimated to occur in at least the coming 3 fiscal years.</p>			
AP-1	FY	Numeric	Fiscal year in which these vehicles will be acquired.
AP-2	Ownership Type	Defined List	<p>Source from which vehicles are to be acquired.</p> <p>Analogous to Ownership Type (OW-2) but without the additional designation of whether leased vehicles are under wet/dry leases.</p>
AP-3	Vehicle Type	Defined List	FAST vehicle type.

			Analogous to Vehicle Type (A-6).
AP-4	Vehicle Fuel Type/Configuration	Defined List	<p>FAST vehicle fuel type + engine configuration.</p> <p>Analogous to Vehicle Fuel Type/Configuration (A-7).</p>
AP-5	Garage - Domestic	Defined List	<p>Indicates whether vehicles will be located in an area considered to be domestic (as opposed to foreign) for FAST reporting.</p> <p>Analogous to Garage - Domestic (A-8).</p>
AP-6	Law Enforcement Designation	Defined List	<p>LE designation for vehicles.</p> <p>Analogous to Law Enforcement Designation (S-6).</p>
AP-7	Emergency Response Designation	Defined List	<p>Emergency response designation for vehicles.</p> <p>Analogous to Emergency Response Designation (S-7).</p>
AP-8	Armored Designation	Defined List	<p>Designation of whether vehicles are armored.</p> <p>Analogous to Armored Designation (S-8).</p>
AP-9	Quantity	Numeric	Number of vehicles to be acquired with attributes AP-1 through AP-8 and AP-11 through AP-13.
AP-10	Acquisition Costs	Numeric	Estimated acquisition costs (USD) for these vehicles.
AP-11	Agency Budget Element Code	Defined List	<p>Identifier for the budget element within the agency under which these vehicles will be acquired.</p> <p>Analogous to Agency Budget Element Code (A-13).</p>
AP-12	Agency Sort Field	Text	<p>Optional agency-provided internal grouping.</p> <p>Analogous to Agency Sort Field (A-14).</p>

AP-13	Comment	Text	Optional comment associated with acquisitions entry.
Future-Year Vehicle Disposal Projections			
<p>Note: Agencies will be required to characterize all vehicle disposals for at least the 3 fiscal years following the fiscal year for which the "actuals" data above are being reported (analogous in concept to FAST's current concepts of "planned," "projected," and "forecast" years). Each vehicle (or group of identical vehicles) will need to be characterized in much the same way as the vehicle inventory data per the following data elements. The agency will provide as many or as few of the following entries as required to characterize all vehicle disposals estimated to occur in at least the coming 3 fiscal years.</p>			
DP-1	FY	Numeric	Fiscal year in which these vehicles will be disposed of.
DP-2	Ownership Type	Defined List	<p>Source from which vehicles were acquired.</p> <p>Analogous to Ownership Type (OW-2) but without the additional designation of whether leased vehicles are under wet/dry leases.</p>
DP-3	Vehicle Type	Defined List	<p>FAST vehicle type.</p> <p>Analogous to Vehicle Type (A-6).</p>
DP-4	Vehicle Fuel Type/Configuration	Defined List	<p>FAST vehicle fuel type + engine configuration.</p> <p>Analogous to Vehicle Fuel Type/Configuration (A-7).</p>
DP-5	Garage - Domestic	Defined List	<p>Indicates whether vehicles will be located in an area considered to be domestic (as opposed to foreign) for FAST reporting.</p> <p>Analogous to Garage - Domestic (A-8).</p>
DP-6	Law Enforcement Designation	Defined List	<p>LE designation for vehicles.</p> <p>Analogous to Law Enforcement Designation (S-6).</p>
DP-7	Emergency Response Designation	Defined List	<p>Emergency response designation for vehicles.</p> <p>Analogous to Emergency Response Designation (S-7).</p>
DP-8	Armored Designation	Defined List	Designation of whether vehicles are

			armored. Analogous to Armored Designation (S-8).
DP-9	Quantity	Numeric	Number of vehicles to be disposed of with attributes DP-1 through DP-8 and DP-12 through DP-14.
DP-10	Average Vehicle Age	Numeric	Average vehicle age (in months) for projected vehicle disposals on this entry. Applicable only to agency-owned vehicles; should not be provided for vehicles acquired under lease from GSA or other leasing source.
DP-11	Disposal Proceeds	Numeric	Estimated disposal proceeds (USD) for these vehicles.
DP-12	Agency Budget Element Code	Defined List	Identifier for the budget element within the agency under which these vehicles were managed. Analogous to Agency Budget Element Code (A-13) and Agency Budget Element Code (AP-11).
DP-13	Agency Sort Field	Text	Optional agency-provided internal grouping. Analogous to Agency Sort Field (A-14) and Agency Sort Field (AP-12).
DP-14	Comment	Text	Optional comment associated with disposals entry.

Future-Year Fleet Cost Projections

Note: Agencies will be required to characterize cost projections for at least the 3 fiscal years following the fiscal year for which the "actuals" data above are being reported (identical in concept to FAST's current concept of "planned," "projected," and "forecast" years), per the following data elements. Agencies will provide as many or as few of the following entries as required to characterize cost estimates for at least the coming 3 fiscal years.

CP-1	FY	Numeric	Fiscal year for which costs are projected.
CP-2	Ownership Type	Defined List	Designation of ownership type of vehicles to which cost projections apply (agency-owned, leased from GSA Fleet, leased from commercial leasing entity).

CP-3	Fleet Segment	Defined List	Designation of whether cost projections are for entire fleet, LE vehicles, ER vehicles, or armored vehicles.
CP-4	Operating Costs	Numeric	<p>Estimated fleet operating costs (USD).</p> <p>Estimated fleet operating costs should represent all of the same cost categories reported for fleet vehicles with the exception of acquisition costs which are captured in Acquisition Costs (AP-10). These operating costs should include</p> <ul style="list-style-type: none"> • lease costs (for both GSA-leased and commercially-leased vehicles), • maintenance costs, • accident repair costs, • indirect costs, • disposal costs, • fuel costs (captured in a manner consistent with how actual fuel costs are reported: this should be all fuel costs for agency-owned vehicles and for leased vehicles under "dry" leases, and should not include fuel costs paid for as part of the lease cost for "wet" lease vehicles), and • planned vehicle upgrades/investment costs not included in the estimated acquisition costs and which would increase the acquisition cost/value of vehicles (as described for Acquisition Cost [OC-1]). <p>Note that estimated fleet operating costs should not include depreciation.</p>
CP-5	Agency Budget Element Code	Defined List	<p>Identifier for the budget element within the agency to which cost projections apply.</p> <p>Analogous to Agency Budget Element Code (A-13), Agency Budget Element Code (AP-11), and Agency Budget Element Code (DP-12).</p>
CP-6	Agency Sort Field	Text	<p>Optional agency-provided internal grouping.</p> <p>Analogous to Agency Sort Field (A-14),</p>

			Agency Sort Field (AP-12), and Agency Sort Field (DP-13).
CP-7	Comment	Text	Optional comment associated with costs entry.

Revision History

Revision	Date	Revision Description
0	02/22/2016	Initial release.
1	04/08/2016	<p>Abbreviations: Added "DOE" (U.S. Department of Energy).</p> <p>Element A-9: Added new element "Location Withheld" and re-sequenced following elements within "A" section.</p> <p>Elements OC-1 - OC-12: Reworded for clarity and consistency among related elements and for agreement with Cost Decision Tree.</p> <p>Element S-5: Renamed element for clarity.</p> <p>Elements A-1, A-6, A-7, A-8, S-2, S-4, S-6, S-8, AP-7, DP-7, DP-10: Edited descriptions for clarity and consistency.</p> <p>Elements OC-1, OC-7-12, AP-10, DP-11, CP-4: Edited for clarification that all costs to be reported in US Dollars (USD).</p> <p>Element OW-3: Edited description to remove reference to "home-to-work" vehicle assignment.</p> <p>Elements S-8, AP-8, DP-8: Renamed to "Armored Designation" based on change from collecting level of armor to just indication of whether vehicle is armored.</p> <p>Element F-5: Added clarification for how fuel costs are to be reported for fuel provided as part of wet-lease agreements.</p>
2	04/18/2016	<p>Title pages now include the day (e.g., "April 18, 2016") within the date of the revision.</p> <p>Elements: A-8, AP-5, DP-5: Changed title from "Garage - Foreign/Domestic" to simplify naming and designation; updated element descriptions accordingly.</p> <p>Elements A-10, A-11, A-12, F-1: Updated element descriptions for consistency with name change for A-8 (above).</p>
3	05/12/2016	<p>Element OW-2: Minor wording change in element description.</p> <p>Elements F-4, A-15, F-6, AP-13, DP-14, CP-7: Added optional comment element to each major element group (fleet, vehicle, fuel, acquisitions, disposals, costs).</p>
4	06/21/2016	Elements AP-5, DP-5: Minor wording change in element descriptions for consistency with A-8.
5	08/22/2016	Element A-1: Correction description of element to refer to "Vehicle

		<p>Identification Number (VIN)".</p> <p>Element OC-4: Editorial update to clarify element description.</p> <p>Fuel Cost and Consumption Data section: Editorial update to section notes, clarifying requirement for each reported vehicle to include at least one fuel entry.</p> <p>Element DP-4: Corrected spelling error in element description.</p>
6	11/04/2016	Element OC-8: Clarification regarding miscellaneous operating costs.
7	03/20/2016	<p>Element FL-1: Clarification in element description.</p> <p>Element A-1: Additional note regarding use of license plate numbers as vehicle identifiers.</p> <p>Element A-10: Clarification regarding use of ZIP codes specific to Post Office Boxes for vehicle locations.</p> <p>Element OW-1: Clarification regarding acquisition date not changing if a vehicle is transferred between organizations within the reporting agency.</p> <p>Element OC-1 & OC-8: Wording changes for reporting of add-on equipment and upgrades to a vehicle as acquisition cost, rather than maintenance cost, even in years after year of acquisition.</p> <p>Elements OC-2, OC-3, OC-4, OC-5: Removed data elements related to depreciation (Capitalized Item, Salvage Percent, Useful Life and Depreciation Cumulative) per decision of FAST Management Team.</p>
8	07/10/2017	Overview: Editorial change to wording to clarify which vehicles are to be included in agency submission.
9	09/25/2017	<p>General Change: Minor editing for appearance and consistency.</p> <p>Elements AP-9 and DP-9: Clarification of wording for these two elements regarding grouping of vehicle quantities based on relevant vehicle attributes.</p> <p>Element CP-4: Expanded description of what types of costs are expected to be included in future-year estimated fleet operating costs.</p>
10	03/26/2018	Publishing updated version of VLD references following close of FY 2017 FAST data call.
11	08/08/2018	<p>General Change: Minor editing for appearance and consistency.</p> <p>A-10: Changed element description to describe support for use of ZIP codes assigned to specific organizations/locations (previously not allowed for use in specifying vehicle location).</p> <p>OW-4: Changed element name from "Actual Disposal Date" to "Disposal Date".</p>

		<p>OW-5: Changed element name from “Actual Disposal Reason” to “Disposal Reason”.</p> <p>S-4: Updated element description to note the deprecation of this element for FY 2018 and later reporting.</p> <p>CP-4: Clarification that estimated fleet operating costs should not include depreciation.</p>
12	04/29/2019	A-11, A-12: Clarification in element description that latitude is to be reported in decimal form as degrees north latitude and longitude is to be reported as degrees east longitude.
13	09/25/2019	No changes from previous release; version updated for concurrent release with “FAST Vehicle-level Data Business Rules Reference”.
14	04/27/2020	<p>Abbreviations and Acronyms: removed unused entries; updated to include missing entries.</p> <p>A-8: Minor editorial change to element description.</p>
15	10/01/2020	<p>Element S-2: Element description updated to reflect implementation of revised EPA 2005 Section 701 process.</p> <p>Element S-4: Removed retired element.</p>